

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Post-Audit Reports, SUI
Date: March 3, 2003

Recommended Actions:

1. Receive the Post-Audits from the University of Iowa.
 2. Approve the continuation of:
 - The Doctoral Degree in Women's Studies;
 - The Doctoral Degree in Social Work; and
 - The Center for Macular Degeneration.
 3. Approve the temporary continuation of the Bachelor of Science in Oral Health Science for a period of two years, with the stipulation that the University provides the Board with a report six months prior to the end of the two-year period, justifying the continuation of the program.
-

Executive Summary:

Initially Approved in 1997	The University of Iowa has submitted four Post Audit reports consistent with the Board's Policy (<i>Policy Manual</i> §6.07) that requires evaluation reports on all newly approved programs five years after initial approval by the Board of Regents. It is also consistent with the Board of Regents Strategic Plan. The University has submitted reports on four programs initially approved by the Board in 1997, as noted below.
Low Enrollment Program	<p>Bachelor of Science in Oral Health Science. This program is a very low enrollment program with only one student currently enrolled in the program and only one living graduate. The number of graduates is considerably less than was projected at the time of its initial approval.</p> <p>This program was established following the termination of the SUI Dental Hygiene Program a number of years ago. The University needs to review this program in light of its current relatively poor performance. A report with recommendations should be provided for Board consideration in Spring 2005. [See Attachment A, pages 3-6.]</p>

Appears to be a
Viable Program

Doctoral Degree in Women's Studies. This program currently has fifteen enrolled students. Since this program draws on resources from the various disciplines, the University indicates that there have been no increased expenditures as a result of offering this program and none are projected for the next three years. [See Attachment B, pages 7-10]

Appears to be a
Viable Program

Doctoral Degree in Social Work. This program has thirteen students currently enrolled in the program, with modest increases in projected enrollment for the next three years. The increased costs for offering this program in the past three years have been for equipment (\$1,320), general expense (\$37,552), and graduate assistants (\$292,368). [See Attachment C, pages 11-12.]

Center Appears
to be Successful

Center for Macular Degeneration. This Center is the only one of its kind in Iowa. It occupies a 41,000 square foot laboratory and coordinates nearly 200 full-time individuals in clinical and laboratory settings. Its mission is to identify the primary causes of age-related macular degeneration and allied disorders, and to apply, develop and deliver advanced medical, surgical, rehabilitative, and educational services around the world. It has been successfully supported by funds from federal agencies, patient care, endowed income, tuition, corporate support, foundations, state and private donations amounting to \$20,400, 000 in 2001-2002. [See Attachment D, pages 13-22.]

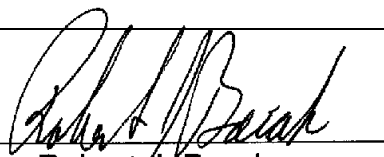
Reviewed by ICEC
and Board Office

The Interinstitutional Committee on Educational Coordination (ICEC) and the Board Office have reviewed the Post-Audit Reports from the University of Iowa. The ICEC and the Board Office recommend:

- Approval of the continuation of the Doctoral Degree in Women's Studies; the Doctoral Degree in Social Work; and the Center for Macular Degeneration.
- Approval of the temporary continuation of the Bachelor of Science in Oral Health Science for a period of two years, with the stipulation that the University provides the Board with a report six months prior to the end of the two-year period, justifying the continuation of the program.

Regent Post-Audit
Questions

Responses to the Regent Post Audit Review Questions are attached [See Attachments A through D].


Robert J. Barak

Approved: 
Gregory S. Nichols

**Post-audit Report to the Board of Regents, State of Iowa,
on the
Bachelor of Science Program in Oral Health Science
The University of Iowa
September 2002**

**Dr. Yvonne Chalkley, Associate Dean
College of Dentistry
N311C Dental Science Building
The University of Iowa
Iowa City IA 52242
319-335-7164**

4. Succinctly describe the basic purposes and objectives of the unit.
5. How will the activities of the unit relate to the general mission and teaching programs of the university?
6. Do similar units exist at other public or private colleges or universities in Iowa? If so, how does the proposed unit relate to them?
7. What are the proposed sources and annual amounts of funding for the unit? Please itemize. (Include faculty, staff, and clerical salaries; supplies; equipment; travel; other costs)

Budgetary Item	Source of Funds	Annual Amount
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. Which of the costs in item 7 represent new financial obligations to the general fund of the university?

6.07 Post-Audit of New or Expanded Programs

- A. All new or expanded programs, excluding minors, will be subject to a post-audit after five years of existence. These post-audits will include, but are not limited to, responses to the questions below. Recommendations for approval of new programs will include the following statement:

The university is reminded that a post-audit report will be due on this program on [date]. It is requested that the university set in place mechanisms for accumulating the appropriate information necessary to complete the Regents' post-audit review questions, so that each question can be fully responded to on this date.

1. Is this program now available in other Regent universities or in other colleges and universities in Iowa? **No**
2. List actual headcount enrollments and credit hours generated by majors and separately for all others in this program for the last five years and estimate these items for the next three years.

1998-99

	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	<u>Year Four</u>	<u>Cmnt Year</u>	<u>Next Year</u>	<u>Sec Year</u>	<u>Third Year</u>
Undergraduate								
Majors	<u>1*</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
Nonmajors								
*Degree awarded	6/4/99; deceased 4/10/99							
Graduate								
Majors								
Nonmajors								

How many dropouts of this program can be identified over the last five years? What reasons were given for leaving the program?

None

3. What have been the employment (placement) experiences of any graduates of this program? N/A
 - a. How many students have graduated (completed) this program (by year)?
1 1998-99
 - b. What has been the success rate for graduates with respect to certification and/or licensure, if applicable?
N/A
 - c. How many undergraduate completers of the program have been accepted into graduate study programs?
0
 - d. What has been the success rate for obtaining jobs for graduates of the program:
 - 1) in the field or a related field?
 - 2) in nonrelated fields? N/A
 - 3) unemployed?
 - e. What has been the success rate for obtaining the preferred first job in the field by graduates of the program?
N/A
4. Has this program been fully accredited? If not, why, and when is such accreditation anticipated?
N/A
5. Outline the current FTE staffing of the program and estimate future staffing needs for the next three years.
Unknown
6. Outline the increases in expenditures that resulted from the adoption of this program, as well as estimate the increases which will occur over the next three years.

	<u>Actual</u>	<u>Estimated</u>
Year One		
Year Two		
Year Three		
Year Four		
Cmnt Year		
Next Year		
Sec Year		
Third Year		

5/15/98

Faculty	_____	_____	_____	_____	_____	_____	_____	_____	_____
Graduate Assistants (other staff)	_____	_____	_____	_____	_____	_____	_____	_____	_____
General Expense (excluding computer use)	_____	_____	_____	_____	_____	_____	_____	_____	_____
Equipment	_____	_____	_____	_____	_____	_____	_____	_____	_____
Library Resources	_____	_____	_____*	_____	_____	_____	_____	_____	_____
Space Needs (amt. & cost of new space and/or remodeled space)	_____	_____	_____	_____	_____	_____	_____	_____	_____
Computer use	_____	_____	_____	_____	_____	_____	_____	_____	_____
Other Resources (explain)	_____	_____	_____	_____	_____	_____	_____	_____	_____
TOTAL	_____	_____	_____	_____	_____	_____	_____	_____	_____

- *Only 1 part time student enrolled. She is taking Liberal Arts courses at this time with no increase in costs for one person.
- B. The Committee on Educational Coordination shall file its written reports on proposed, new, or expanded programs with the Board Office at least 10 working days prior to the docket day which precedes the Board meeting at which action on the program is desired. The Board Office shall then review and comment on the proposed new, expanded, or post-audited programs. (Board of Regents Minutes November 12-13, 1970, p. 170; September 9-10, 1971, p. 105; February 13-14, 1975, p. 506; June 25-26, 1975, pp. 804-805; September 18-19, 1980, pp. 184-185)

5/15/98

Post-audit Report to the State of Iowa Board of Regents

On the

Doctoral Degree Program in Women's Studies

The University of Iowa

September 2002

Rosemarie Scullion, Interim Chair

Department of Women's Studies

716 Jefferson Building

University of Iowa

Iowa City, Iowa 52242

(319) 335-0322

rosemarie-scullion@uiowa.edu

All new or expanded programs, excluding minors, will be subject to a post-audit after five years of existence. These post-audits will include, but are not limited to, responses to the questions below.

1. Is this program now available in other Regent universities or in other colleges and universities in Iowa? *No.*

2. Date program was approved by Board of Regents and date program was implemented.

The Ph.D. program in Women's Studies was approved in August 1997, and the first students were admitted in August 1998.

3. a. List actual headcount enrollments and credit hours generated by majors and separately for all others in this program for the last five years and estimate these items for the next three years.

During the first year, three students were admitted. Subsequently, the program has admitted three to six students each year.

	Actual				Estimated			
	Year One	Year Two	Year Three	Year Four	Current Year	Next Year	Sec Year	Third Year
Graduate	1998-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06
# of students in program	3	8	13	15	15	16	16	16
Majors								
# of credit hours generated	40	102	127	115	89	88	88	88
Majors								
Nonmajors	0	0	0	3	0	0	0	0

b. How many dropouts of this program can be identified over the last five years? *3*

4. What have been the employment (placement) experiences of any graduates of this program?

a. How many students have graduated (completed) this program (by year)? *None.*

To date, no student has completed the program. We expected two students to complete degree requirements and to receive the Ph.D in 2003-4, and three more in 2004-5.

b. What has been the success rate for graduates with respect to certification and/or licensure, if applicable? *NA*

c. How many undergraduate completers of the program have been accepted into graduate study programs? *NA*

d. What has been the success rate for obtaining jobs for graduates of the program? *NA*

e. What has been the success rate for obtaining the preferred first job in the field by graduates of the program? *NA*

5. Has this program been fully accredited? If not, why, and when is such accreditation anticipated? *NA*

6. Outline the current FTE staffing of the program and estimate future staffing needs for the next three years.

The Department of Women's Studies currently has four FTE appointments. We have added no additional faculty or support staff for the Ph.D. Program: The Women's Studies Department's support staff, consisting of two secretaries with 40% appointments, have taken on the additional responsibilities generated by the Ph.D. Program. We expect to request further faculty and staff support as our needs increase and as resources become available.

7. Provide operating budget for the proposed program or the unit that houses the program if an individual budget is not available. NA

8. Outline the increases in expenditures that resulted in the adoption of this program, as well as estimate the increases which will occur over the next three years

	ACTUAL				ESTIMATED			
	Year One 98-99	Year Two 99-00	Year Three 00-01	Year Four 01-02	Cmt. Year 02-03	Next Year 03-04	Sec. Year 04-05	Third Year 05-06
Faculty	none	none	none	none	none	none	none	none
Graduate Assistants *	none	none	none	none	none	none	none	none
General Expense **	none	none	none	none	none	none	none	none
Equipment	none	none	none	none	none	none	none	none
Library Resources	none	none	none	none	none	none	none	none
Space Needs	none	none	none	none	none	none	none	none
Computer Use	none	none	none	none	none	none	none	none
Other Resources	none	none	none	none	none	none	none	none

All new or expanded programs, excluding minors, will be subject to a post-audit after five years of existence. These post-audits will include, but are not limited to, responses to the questions below.

1. Is this program now available in other Regent universities or in other colleges and universities in Iowa? **No.**
2. The Ph.D. program in Social Work was approved in June 1997, and the first student were admitted in August 1998.
3. a. List actual headcount enrollments and credit hours generated by majors and separately for all others in this program for the last five years and estimate these items for the next three years. During the first year, five students were admitted. Subsequently, the program has admitted one or two students each year.

	Actual				Estimated			
	Year One	Year Two	Year Three	Year Four	Current Year	Next Year	Sec Year	Third Year
Graduate	1998-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06
# of students in program								
Majors	<u>5</u>	<u>7</u>	<u>9</u>	<u>12</u>	<u>13</u>	<u>15</u>	<u>17</u>	<u>19</u>
# of credit hours generated								
Majors	<u>90</u>	<u>149</u>	<u>140</u>	<u>155</u>	<u>165</u>	<u>195</u>	<u>250</u>	<u>284</u>
Nonmajors	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

- b. How many dropouts of this program can be identified over the last five years? **None**
4. What have been the employment (placement) experiences of any graduates of this program?
 - a. How many students have graduated (completed) this program (by year)? **None.**
To date, no student has completed the program; we expect the first five students to complete all degree requirements and be awarded the Ph.D. in 2003-04.
 - b. What has been the success rate for graduates with respect to certification and/or licensure, if applicable? **NA**
 - c. How many undergraduate completers of the program have been accepted into graduate study programs? **NA**
 - d. What has been the success rate for obtaining jobs for graduates of the program: **NA**
 - e. What has been the success rate for obtaining the preferred first job in the field by graduates of the program? **NA**
5. Has this program been fully accredited? If not, why, and when is such accreditation anticipated? **NA**
6. Outline the current FTE staffing of the program and estimate future staffing needs for the next three years.

We have added no new staff for the PhD program. Instead, we have asked the School of Social Work's current staff (our two Iowa City secretaries, the Program Administrator, and the Operations Administrator) to take on additional responsibilities.

7. Outline the increases in expenditures that resulted from the adoption of this program, as well as estimate the increases which will occur over the next three years

	ACTUAL				ESTIMATED			
	Year One 98-99	Year Two 99-00	Year Three 00-01	Year Four 01-02	Cmt Year 02-03	Next Year 03-04	Sec Year 04-05	Third Year 05-06
Faculty	none	none	none	none	none	none	none	none
Graduate Assistants *	32,956	64,235	87,724	107,453	76,029	63,773	91,200	86,226
General Expense **	8,436	9,109	9,541	10,466	11,200	11,200	11,200	11,200
Equipment	none	none	1,320	none	none	none	1,500	none
Library Resources	none	none	none	none	none	none	none	none
Space Needs	none	none	none	none	none	none	none	none
Computer Use	none	none	none	none	none	none	none	none
Other Resources								

* PhD graduate assistants are supported from several sources - state appropriations, grants, and tuition revenues. The dollar amounts mentioned above include total support received from all sources. There has not been an increase in state funded appropriations to cover expenses associated with the PhD student support. PhD students are supported with existing funds. During academic years 02 through 06, PhD student support is estimated according to obligations to the estimated number of students. For example, the estimate for academic year 02-03 includes our obligation to students in the second year of the program plus 5 new students.

** Note that there has not been an increase in the School's state funded allocation to cover general expenses associated with the PhD program. All expenses mentioned above have been paid with existing funds. PhD program expenses are calculated as 20% of the over all budget. General expenses include supplies, long distance phone, postage, photocopying, printing service, student hourly assistance, advertising and student/faculty travel. For example during academic year 00-01 PhD program advertising totalled \$3,048 and student/faculty travel totalled \$3,772 of the overall budget. During academic year 01-02 the PhD program was advertised in conjunction with our BSW & MSW program advertising. PhD student/faculty advertising totalled \$4,463.

Post-Audit of the University of Iowa
Center for Macular Degeneration
August 27, 2002

Responses to Specific Post-Audit Questions
Submitted by

Edwin M. Stone, M.D., Ph.D.

Professor-Department of Ophthalmology and Visual Sciences
Director- University of Iowa Center for Macular Degeneration

Question 1: Is this program now available in other colleges and universities in Iowa?

No. The University of Iowa Center for Macular Degeneration is the only Center of it's kind in Iowa. The Center for Macular Degeneration was created in 1997. The Center occupies about 41,000 square feet of laboratory space and coordinates from the efforts of nearly 200 full-time individuals in clinical and laboratory settings. Its mission is to identify the primary causes of age-related macular degeneration and allied disorders; to apply this improved understanding of disease mechanisms to the prevention of retinal degeneration in the majority of people at risk, as well as to the development of sight-saving medical, pharmacological and surgical treatments for those already affected; and to deliver the most advanced medical, surgical, rehabilitative, and educational services available to patients in a timely, caring and cost effective manner. Macular degeneration is the most common cause of legal blindness in the United States and other developed countries. About 10% of people over age 65 and 30% over age 75 are affected to some degree.

Question 2: Date program was approved by the Board of Regents and date program was implemented.

The program was approved by the Board of Regents on June 4, 1997 and implemented immediately thereafter.

Question 6: Outline the current staffing of the program and estimate future staffing needs for the next three years.

Center Personnel: See exhibit "A"

Future Staffing: The Center for Macular Degeneration is in a growth phase. These areas of research are not through reaching their full potential, and are expected to grow approximately 5% per year for at least the next 3 years center wide.

Question 7: Provide operating budget for proposed program or the unit that houses the program if an individual program budget is not available.

Exhibit "B" depicts all of the financial resources granted to or generated by the faculty of the Center for Macular Degeneration during the fiscal year July 1, 2001 to June 30, 2002. Because the interests and expertise of the faculty are broad, many of these resources were used to conduct work that is outside the field of macular degeneration. However, even these non-macular-degeneration projects contribute significantly to the pool of talented and experienced scientists (and the pool of valuable instruments and reagents) available to the faculty for application to their macular degeneration.

Question 8: Outline the increases in the expenditures that resulted in the adoption of this program, as well as estimate the increases that will occur over the next three years.

No state money was specially allocated to initiate this program. At the present time, the only state money that directly supports the Center for Macular Degeneration, is the small component of state support embedded within each faculty members salary. At the present time, this represents less than 1% of the entire operating budget of the Center for Macular Degeneration. It is anticipated that an even larger fraction of investigators salaries will be derived from philanthropical grant sources in the next 5 years, so that the fraction of state support should continue to fall from its already very low level. Of course, in as much as the Center for Macular Degeneration exists within the confines of the University of Iowa as a whole, the Center obviously benefits from the very large amount of state support for the University as a whole. However, none of the state funds are handled directly by the Center.

Exhibit "A"

CMD Personnel – 193 full-time individuals, organized as follows

The Clinical Sciences and Applications Group

Stephen R. Russell, M.D., Unit Director

Retina Service

Faculty

H. Culver Boldt, M.D.
James C. Folk, M.D.
Karen M. Gehrs, M.D.
Stephen R. Russell, M.D.
Edwin M. Stone, M.D., Ph.D.
Thomas A. Weingeist, Ph.D., M.D.

Fellows

Karin Sletten, M.D.
Denise Kaiser, M.D.
Matthew Wood, M.D.
Esther Bowie, M.D.

Nurses

Connie Copeland, R.N.
Sara Smith, R.N., M.A., CRNO

Technicians

Thomas Fisher
Marcia Griffin, COA
Kimberly Broadie
Phyllis May, COA
Laura Warner, RSDMS

Research Assistants

Connie Fountain, COT, CCRC
Jill Hageman, R.N.
Steven Wallace
Heather Stockman, CCRC

Photography Service

Tracy Aly, Photography Director

Photographers

Michael Harker
Edward Heffron
Stephanie Karakas
Randy Verdick

Photo Archive Manager

Barbara Murphy

Kolder Electrophysiology Laboratory

Faculty

Edwin M. Stone, M.D., Ph.D.

Research Assistants

Louisa Affatigato, RA III

Paula Moore, RA III

Kelley Kopp, RA II

Perimetry Service

Faculty

Wallace L. M. Alward, M.D.

Research Assistant

Benita Carney, RA I

Perimetrists

Carol Cogan

Kathleen Jacobsen

Patti Schuller

Brenda Swihart

Paul Swihart

The Molecular Ophthalmology Laboratory

Edwin M. Stone, M.D., Ph.D., Unit Director

Faculty

Edwin M. Stone, M.D., Ph.D.

Graduate Student

Suma Shankar

Research Assistants

Luan Streb, Senior Research Assistant

Paula Moore, RA III

Christine Taylor, RA III

Louisa Affatigato, RA III

Jean Andorf, RA II

Heidi Haines, RA II

Kelly Kopp, RA II

Chris Eastman, RA I

Jeni Secrist, RA I

Katie Schrum, RA I

Mary Randolph, RA I

Katerin Melendez, RA I

Erin Rosenthal, RA I

Nicole Phillips, RA I

Ben Roos, RA I

Rhett Sutphin

The Laboratory for Disease Gene Discovery

Val C. Sheffield, M.D., Ph.D., Unit Director

Faculty

Val C. Sheffield, M.D., Ph.D.

BC Ho, Assistant Professor
Tom Wassink, Assistant Professor
Melissa Fath, Postdoctoral Associate
Kirk Mykytyn, Postdoctoral Associate

Associate Research Scientists

Darryl Nishimura, Ph.D.
Ruth Swiderski
Roxanne Walder

Undergraduate Students

Rachel Berger
Amanda Meyer
John Schram
Kristin Udelhofen

Graduate Student

David Yen

Administrative Assistant II

Denise Aguiar Crouch

Research Assistants

Gretel Beck, RA III
Ann Nalley, RA III
Kevin Bugge, RA II
Rebecca Frantz, RA I
Nathan Bedford, RA I
Laura Young, RA I

Technicians

Charles Searby, Research Technician III
Michael Andrews, Research Technician III
John Beck, Research Technician III

The Gene Therapy Group

Beverly Davidson, Ph.D., Unit Director
Faculty

Beverly Davidson, Ph.D.

Research Laboratory Manager

Steven L. Eliason

Post-doctoral Fellows

Yong Hong Chen, Ph.D.
Scott Harper, Ph.D.
Qinwen Mao, Ph.D.
Colleen S. Stein, Ph.D.
Rajeev Vibhakar, M.D., Ph.D., MPH
Haibin Xia, Ph.D.

Graduate Students

Lane Law, Genetics Program
Gumei Liu, Neurosciences Program
Glen Borchert, Genetics Program

Program Assistant

Christine McLennan

Undergraduate Laboratory Technicians

Danielle Kapanke
Azadeh Raoufi
Beth Rathe
Nathan Reeder
Sheena Reis
Abram Vore

Research Assistants

Xiaohua He, RA III
Maria Scheel, RA III
Patrick D. Staber, RA III
Moir Gerety, RA II
Nathan Kiewiet, RA II
Ines Martins, RA II
Sarah Caufield, RA I
Kate E. Ramsey, RA I

The Genome Research Laboratory

M. Bento Soares, Ph.D., Unit Director
Faculty

M. Bento Soares, Ph.D.

Research Assistants

Fatima Bonaldo-Associate Research Scientist
Tammy Kucaba-Senior Research Assistant
Irina Koroleva-Assistant Research Scientist
Sergey Malchenko-Assistant Research Scientist

Assistant Professor

Jose Morcuendo

Graduate Research Assistants

Chris Hamm
Xiao Dong Huang
Jennifer Laffin
Andrew Smothers

Senior Research Assistant

Elinat Snir

Research Assistants

Brian Berger, RA III
Ike Akabogu, RA II
Jennifer Bair, RA II
Mari Eyestone, RA II
Mark Grulke, RA II
Rudy Marelino, RA II
Anna Izabel Ruas de Melo, RA II
Kelly Schaefer, RA II
Christina Smith, RA II
Janis Crew, RA I
Matt Grimaldi, RA I
Matt Haberkorn, RA I

Sara Rose Schneider, RA I
Hehuang Xie, RA I
Keith Crouch, RA I
Katrina Fishler, RA I
Catherine Keppel, RA I
Mark Lebeck, RA I
Mindee Perdue, RA I
Kurtis Trout, RA I

Lab Assistants

Melanie Casavant
Conor Hanick
Casey Rand

Post Doctoral Associate

Lilianna Manzella

Clerk

Adria Kornegay

Project Assistant

Kate Trump

The Cell Biology and Functional Genomics Laboratory

Gregory S. Hageman, Ph.D., Unit Director
Faculty

Gregory S. Hageman, Ph.D.
Robert Mullins, Ph.D.
Markus Kuehn, Ph.D.
Nata Aptsieri, Ph.D.

Postdoctorate

Quing Lu, M.D., Ph.D.

Research Assistants

Sankar Baruah, M.S., RA III
Krista Wheeler, A.A., RA III
Lisa Hancox, B.S., RA III
Ryan Lee, B.S., RA II
Amber Bain, B.S., RA I
Zhigun Song, RA I

Program Assistants

Shari Lemke, RN, BSN
Julie Donahue

Project Assistant

Aleksandra Rozek, B. S.

Support Staff

Jill Hageman, RN
Heather Stockman, CCRC

Students

James Borchard
Jason Carins
Lisa Hardisty
Rebecca Parrish

Jake Roos
Rachel Wolf

The Coordinated Laboratory for Computational Genomics

Thomas Casavant, Ph.D., Unit Director
Faculty

Thomas Casavant, Ph.D.
Terry Braun, Ph.D.
Todd Scheetz, Ph.D.
Andrew Williams, Ph.D.

Post doctoral

Tom Bair, Ph.D.
Vladimir Leontiev, Ph.D.

Full Time Computational Scientist Staff

Bartley Brown, Ph.D.
Dylan Tack
Rhett Sutphin
Hakeem Abdulkawy
Natalie Robinson

IT Staff

Gregg Webster
Jason Laffin

Graduate Students

Annie Chiang
Nishank Trivedi
Krishna Kalari
Andy Smothers
Steve Davis

Undergraduate Students

Brian O'Leary
Jesse Walters
Paul Joo Hyun Song
Brian Mokrzycki
Jared Bischof
Barry Gackle
Christopher Moressi
John Ritchison
Andy Choi

The Glaucoma Service

Wallace L. M. Alward, M.D., Director of Glaucoma

Technicians

Rebecca Meyer
Joan Snyder

Secretary

Fay McKinney

The Low Vision Rehabilitation Service

Mark E. Wilkinson, O.D., Unit Director
Faculty

Mark E. Wilkinson, O.D.
Technician
Patti Heitshusen

Center Administration

Edwin M. Stone, M.D., Ph.D., Center Director
Suzanne Gurnett Streitz, Associate Director
Dianna Brack, Project Assistant
Linda Koser, Project Assistant
Trish Duffel, R.Ph., M.A., Information Services

Exhibit "B"

University of Iowa Center for Macular Degeneration

Annual Income

\$ 20.4 Million

July 1, 2001 - June 30, 2002

Federal Agencies	Patient Care	Endowment Income	Tuition	Corporate
12,131,571.00	3,388,014.00	195,335.00	81,204.00	2,811,566.00
59.44%	16.60%	0.96%	0.40%	13.78%

Foundations	State	Private Donations	Total
1,589,591.00	81,204.00	130,000.00	20,400,000.00
7.79%	0.40%	0.64%	100.00%